

FIG. 1

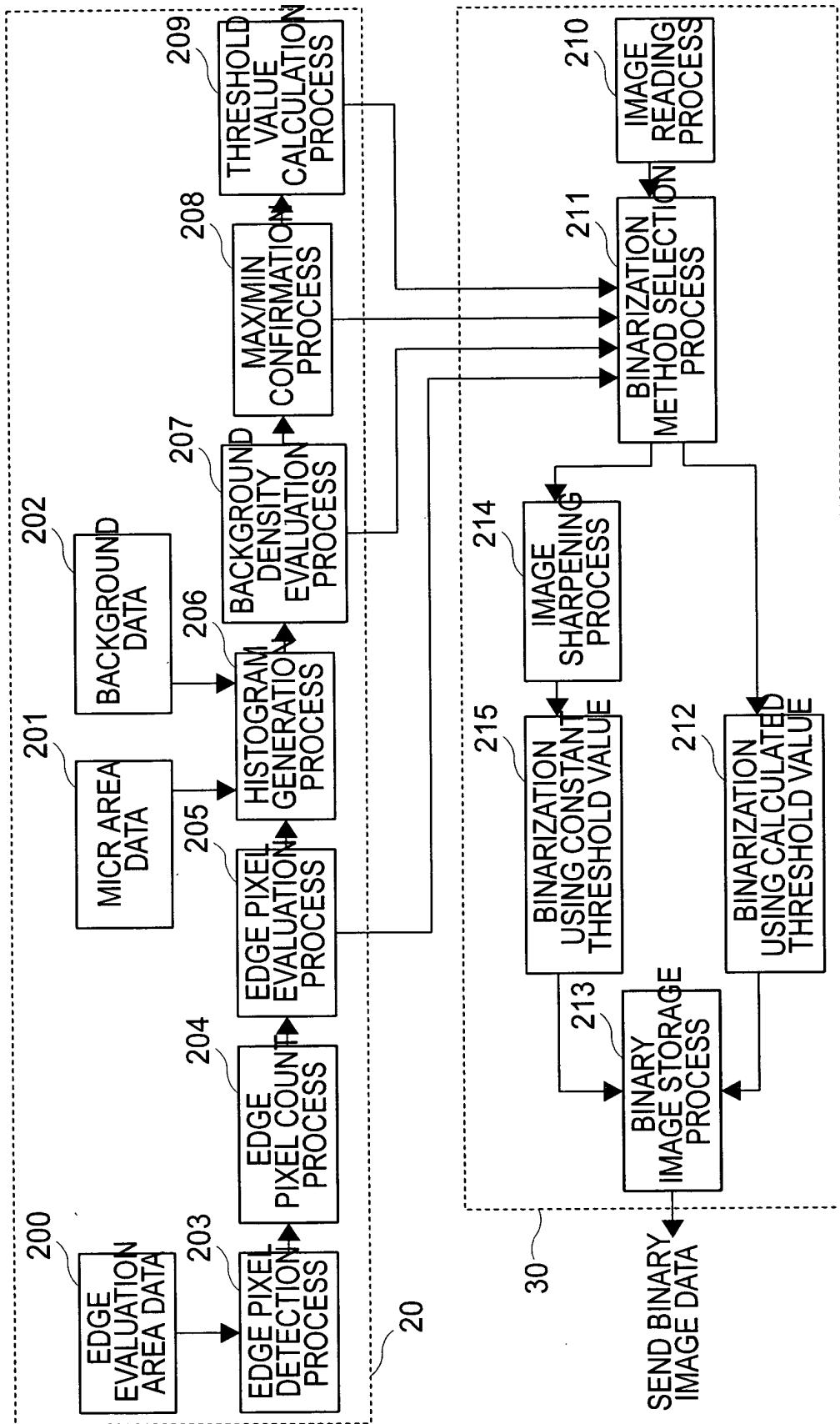
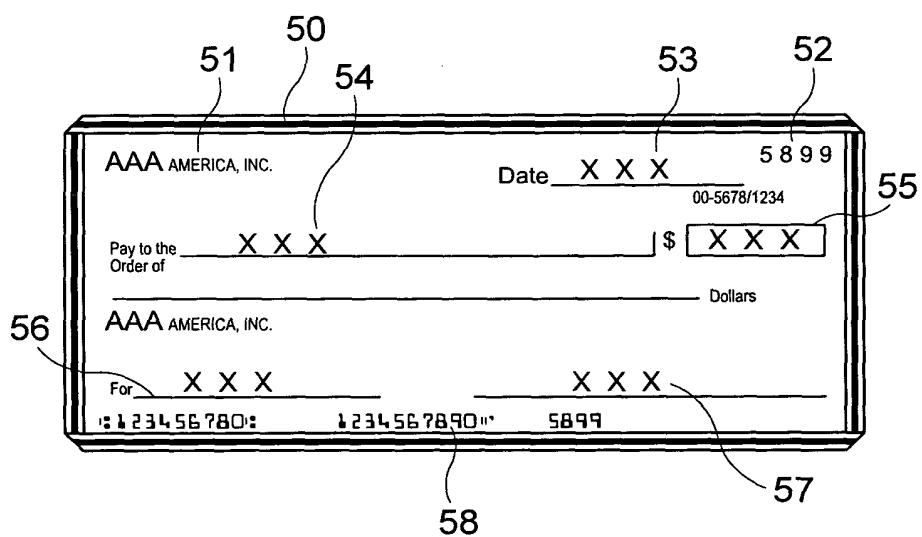
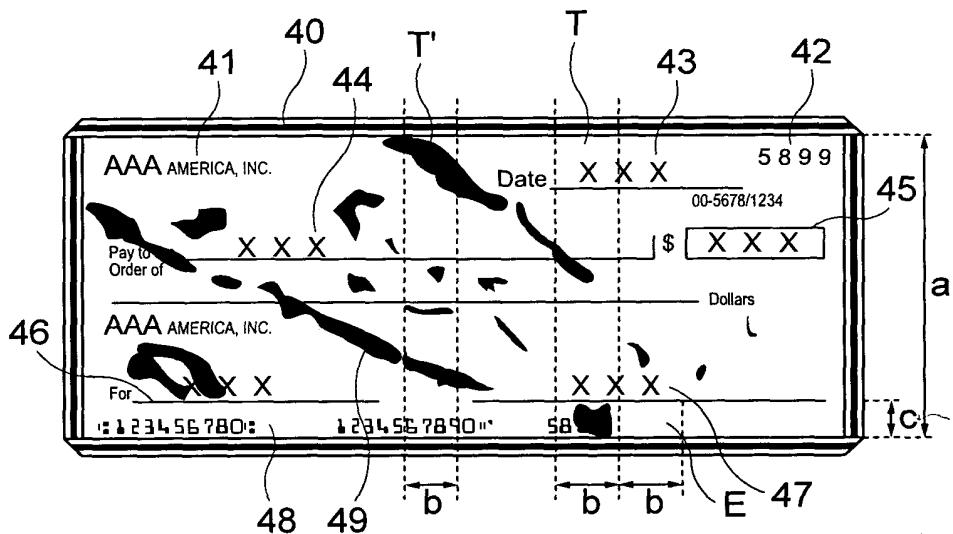


FIG. 2



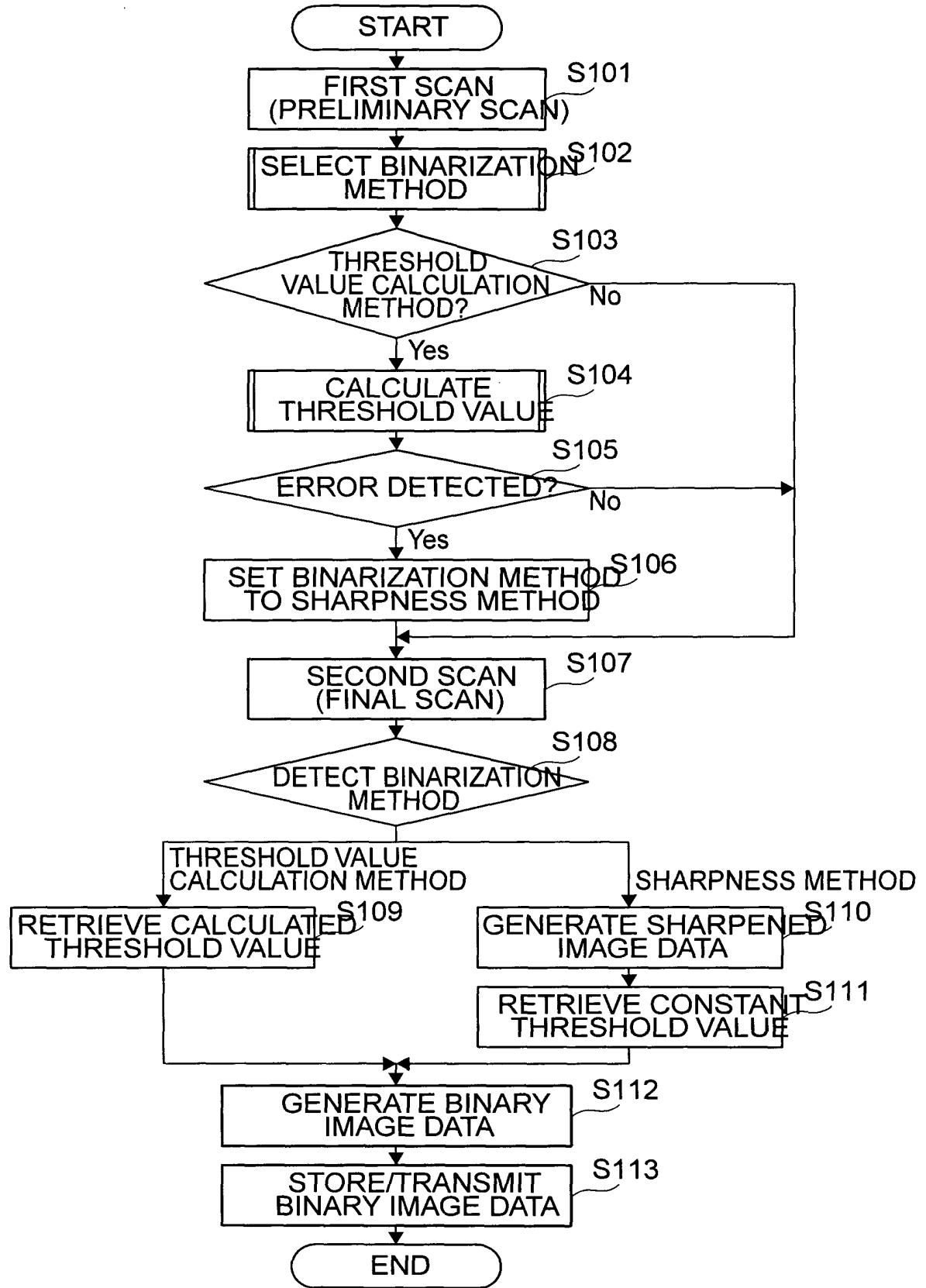


FIG. 5

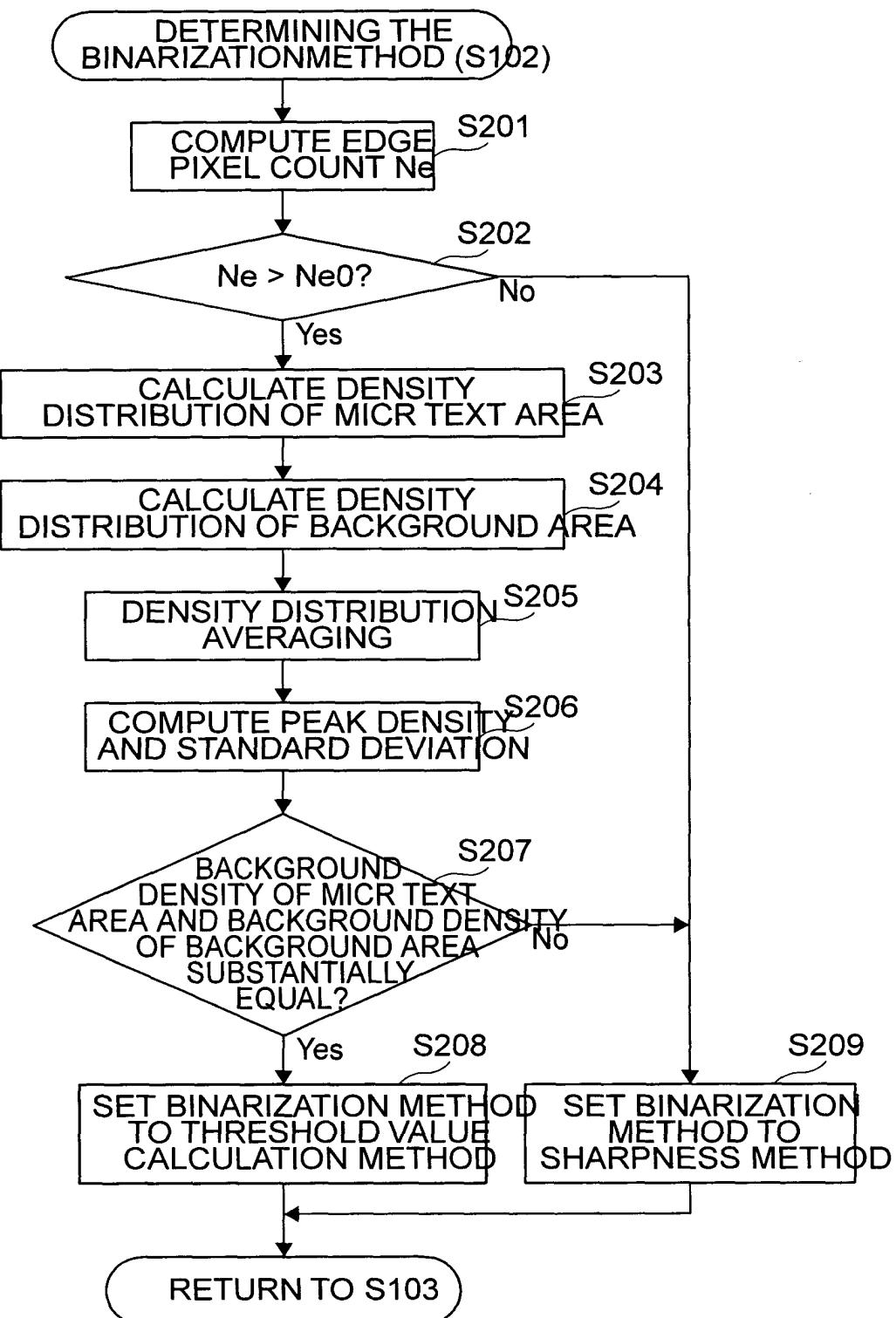


FIG. 6

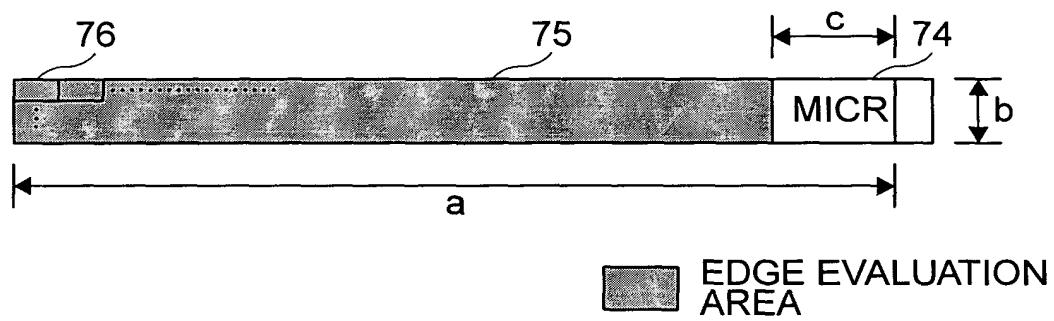


FIG. 7 (a)

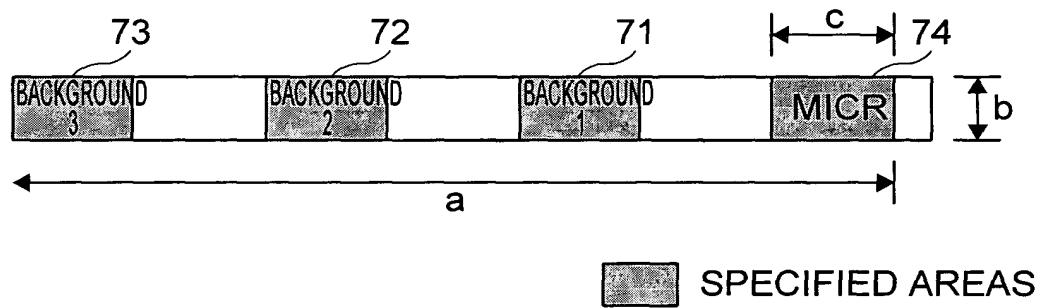


FIG. 7 (b)

COMBINED HISTOGRAM FOR MICR TEXT  
AREA AND BACKGROUND AREAS

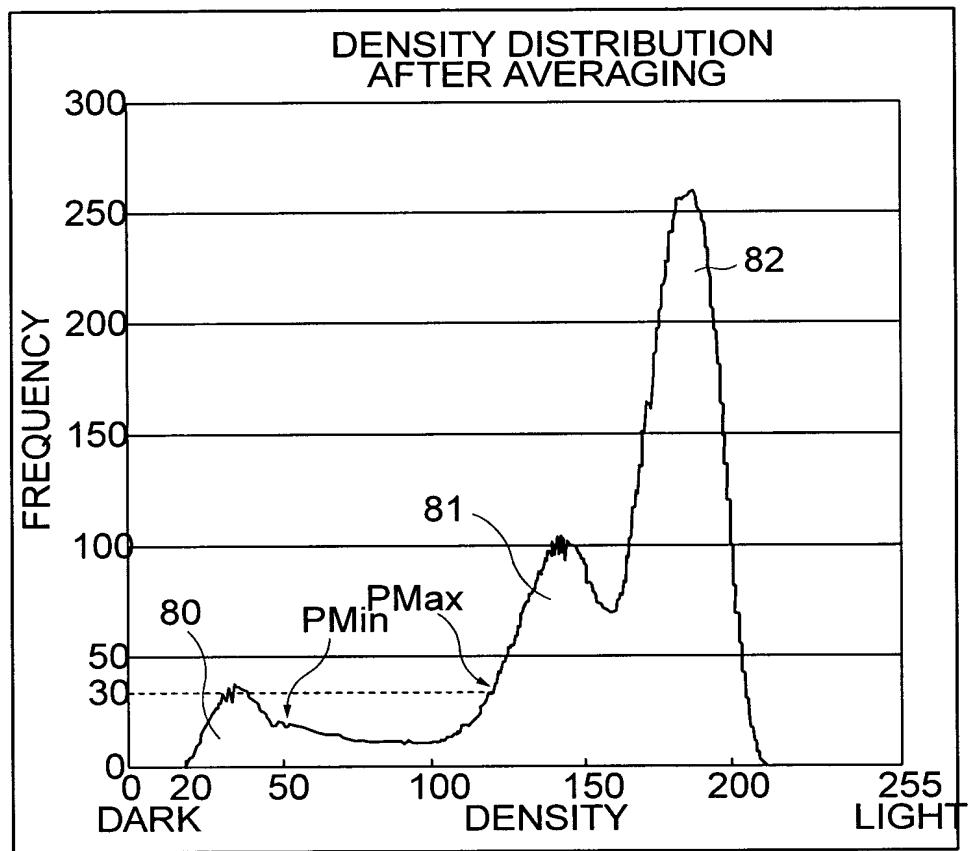


FIG. 8

HISTOGRAM OF MICR TEXT AREA

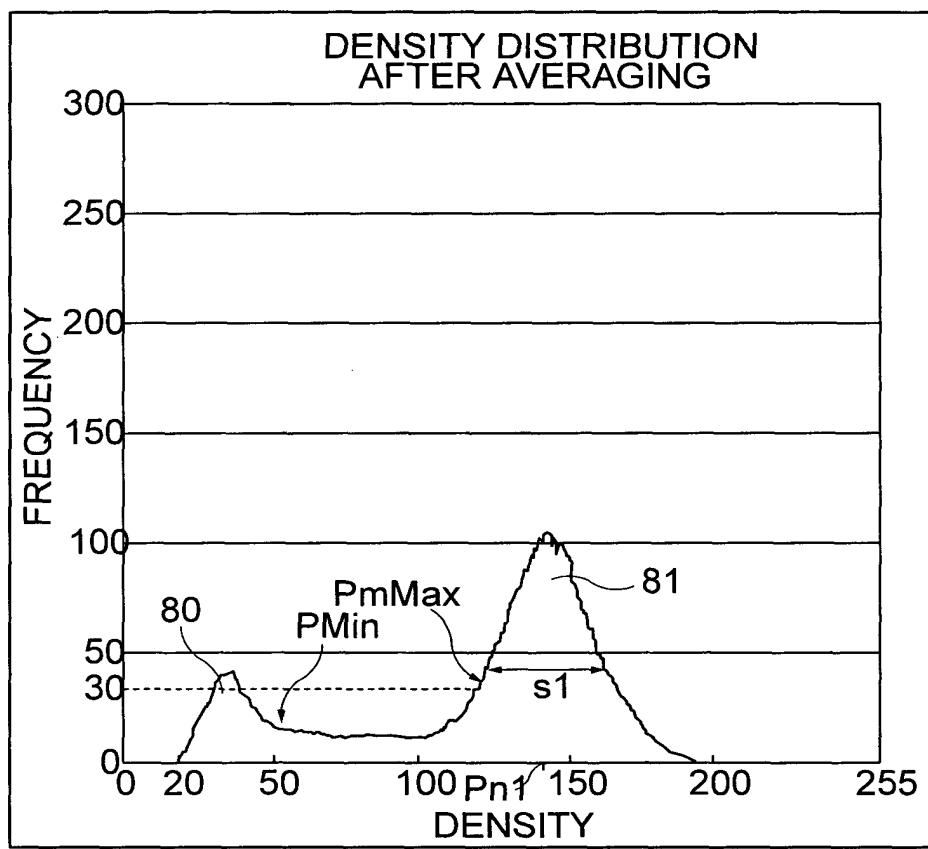


FIG. 9

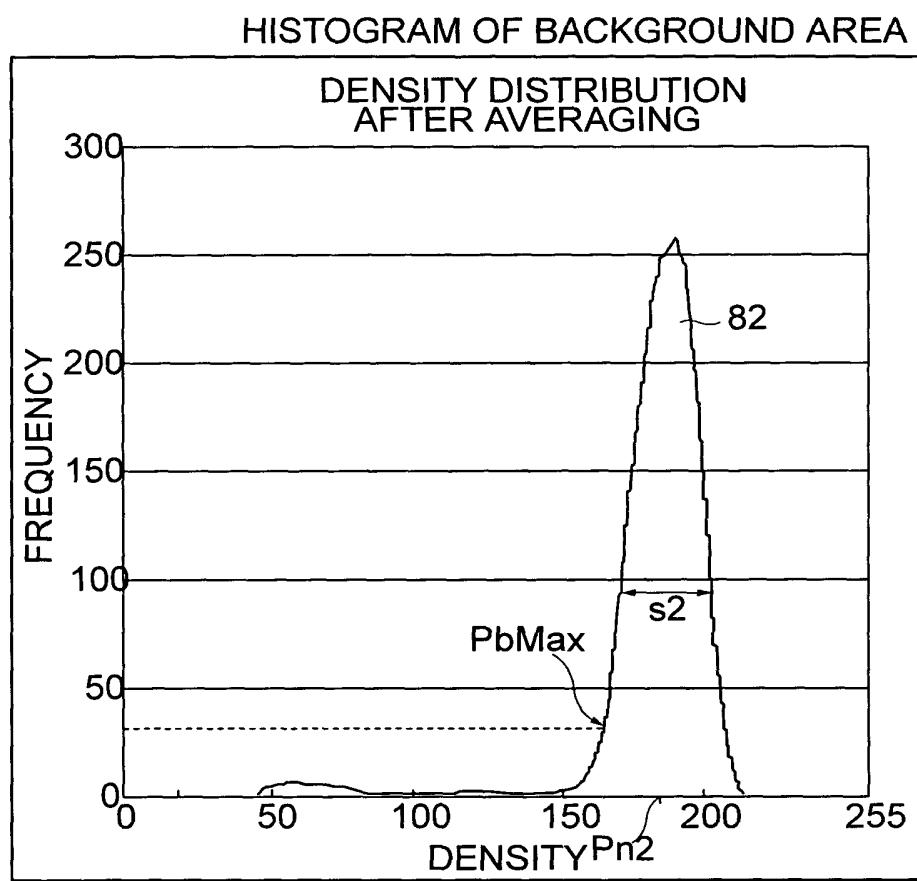


FIG. 10

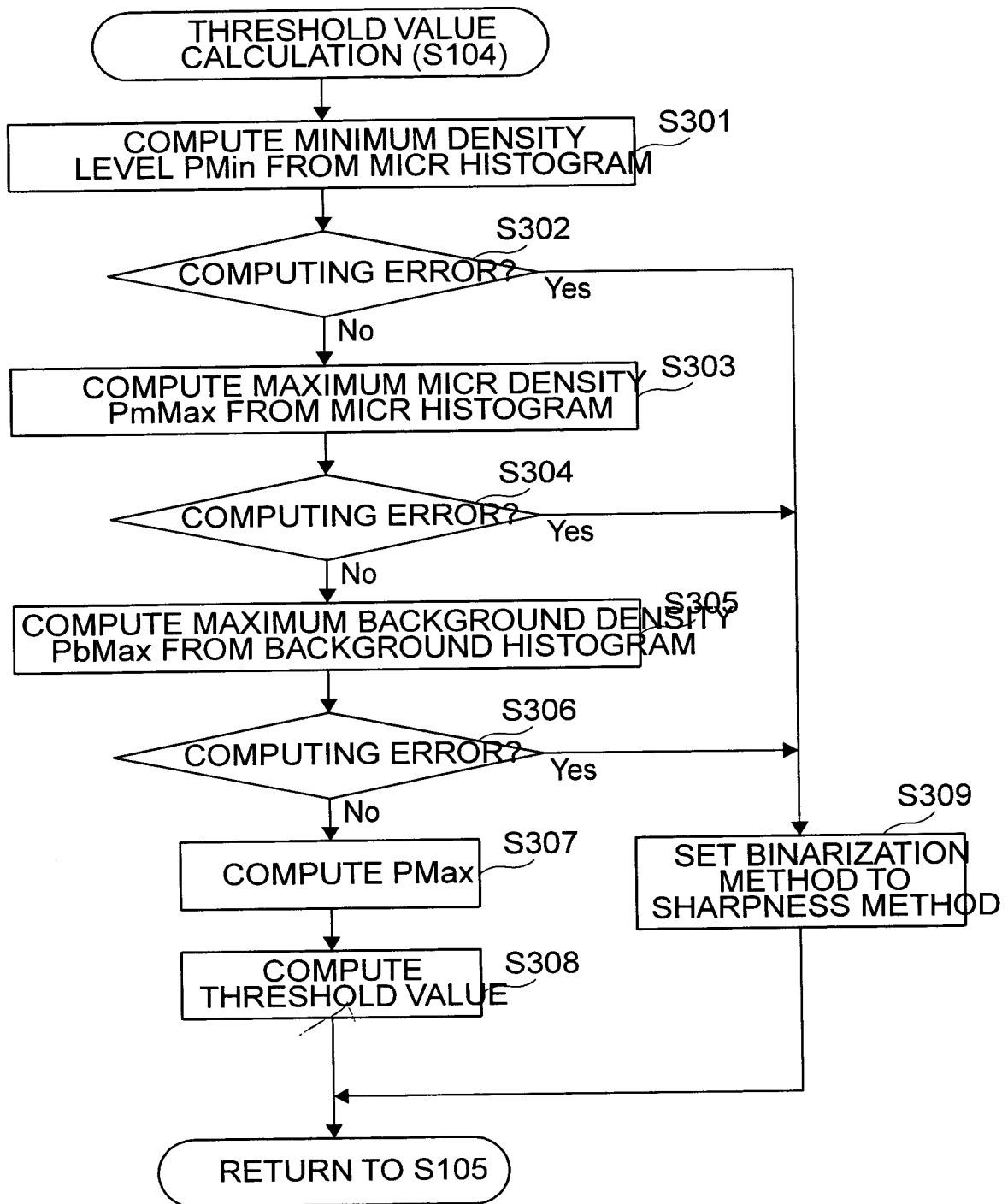


FIG. 11

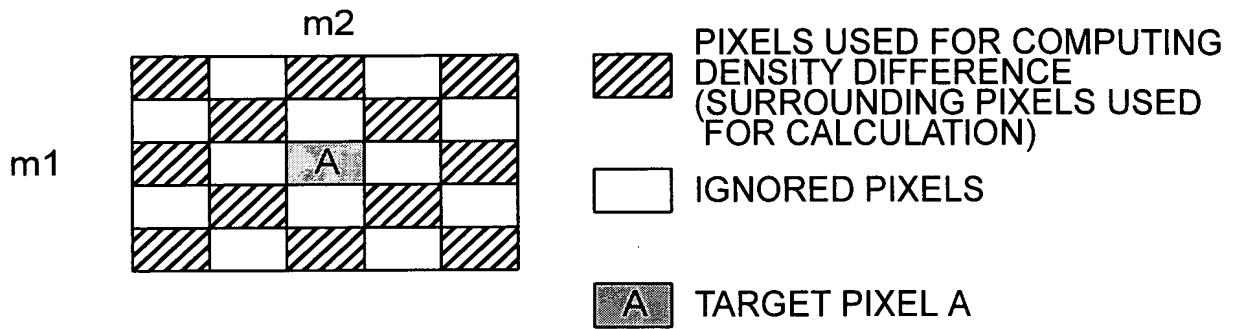


FIG. 12 (a)

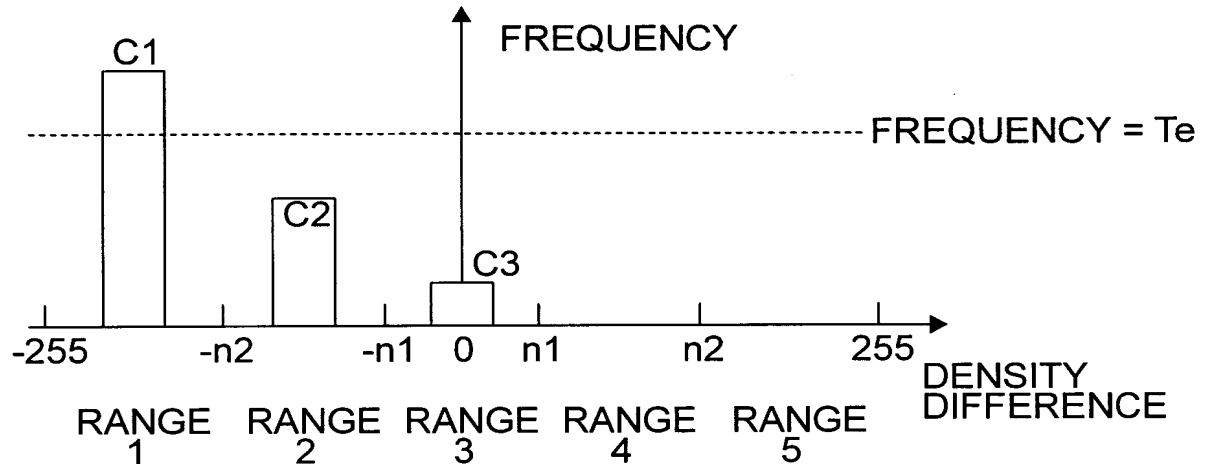


FIG. 12 (b)

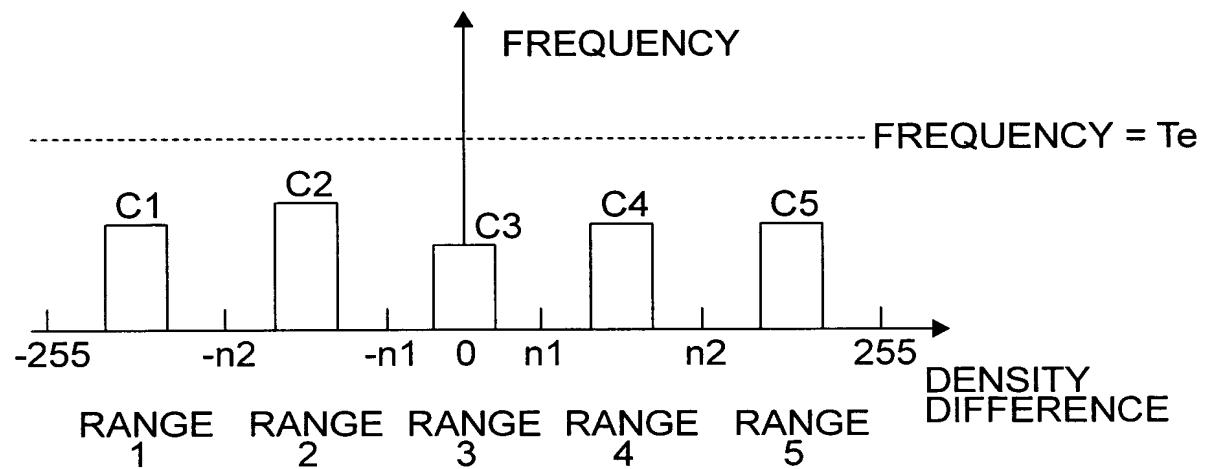


FIG. 12 (c)

**<SHARPENING FILTER COEFFICIENT>**

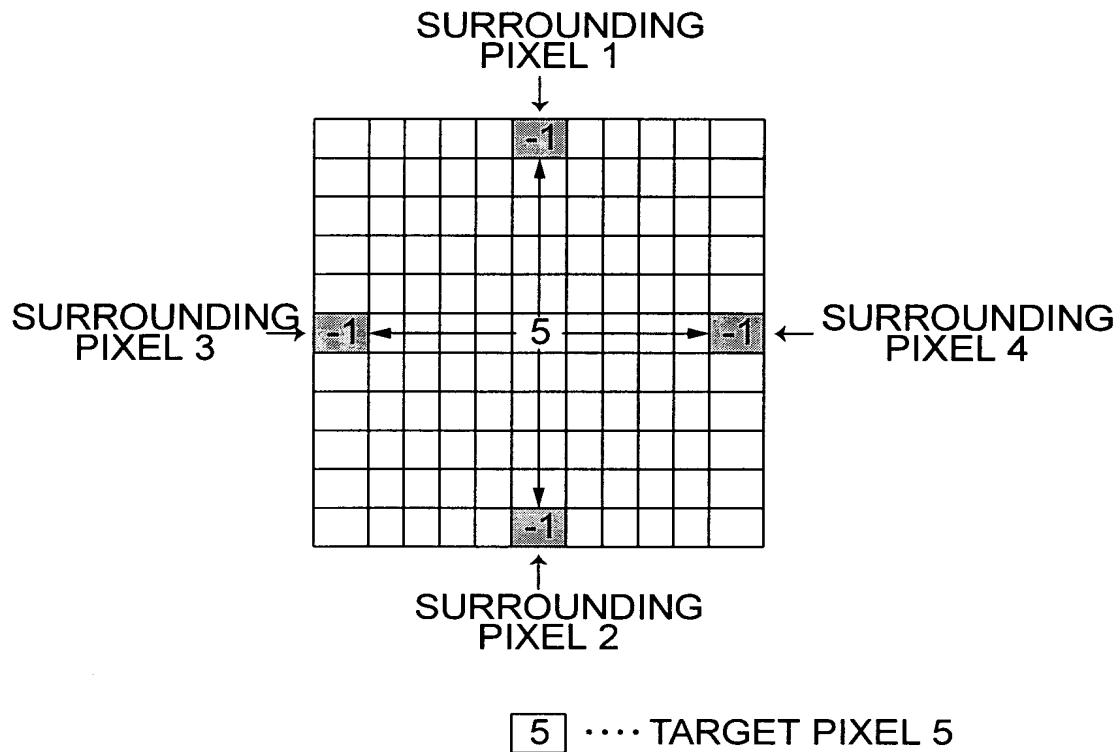


FIG. 13

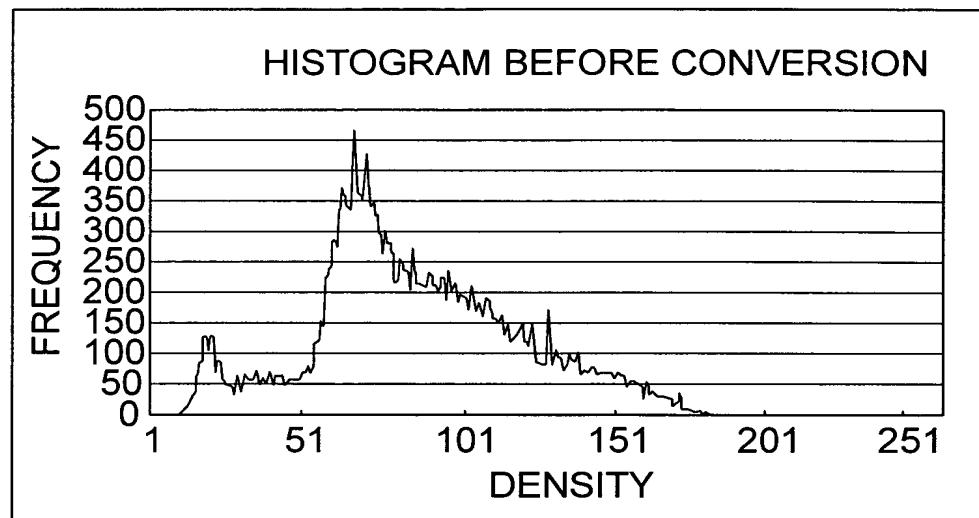


FIG. 14 (a)

↓ APPLY SHARPEN FILTER

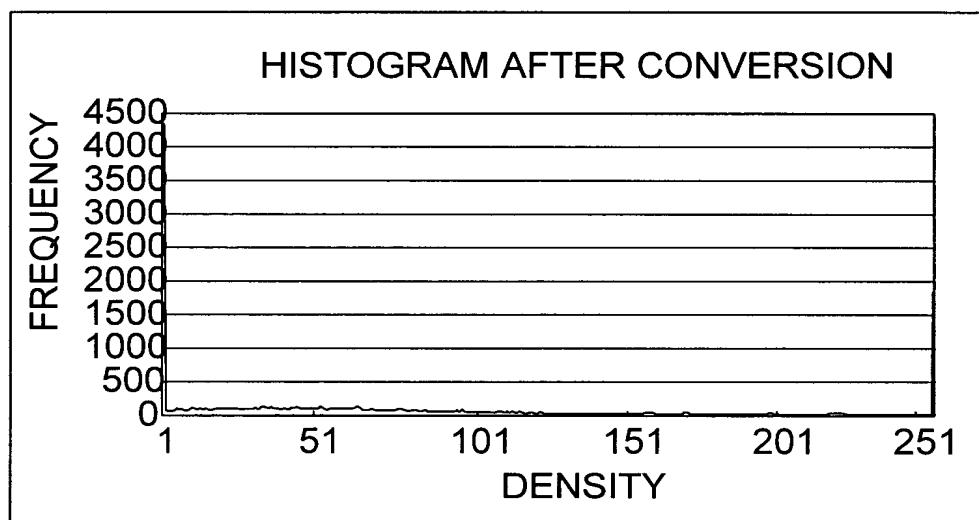


FIG. 14 (b)

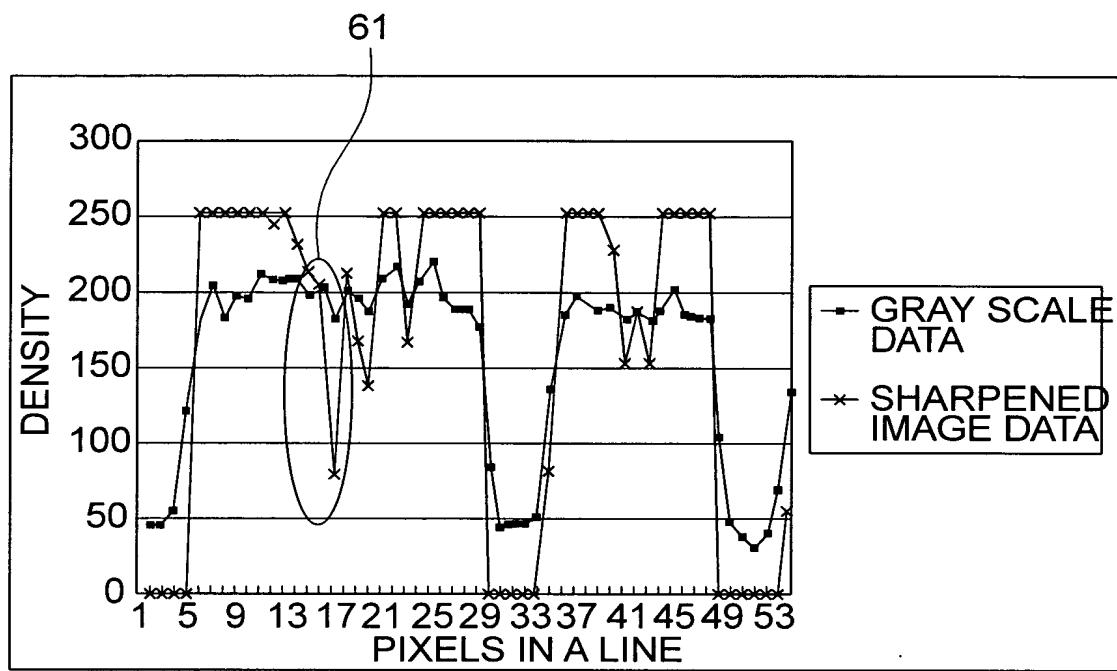


FIG. 15

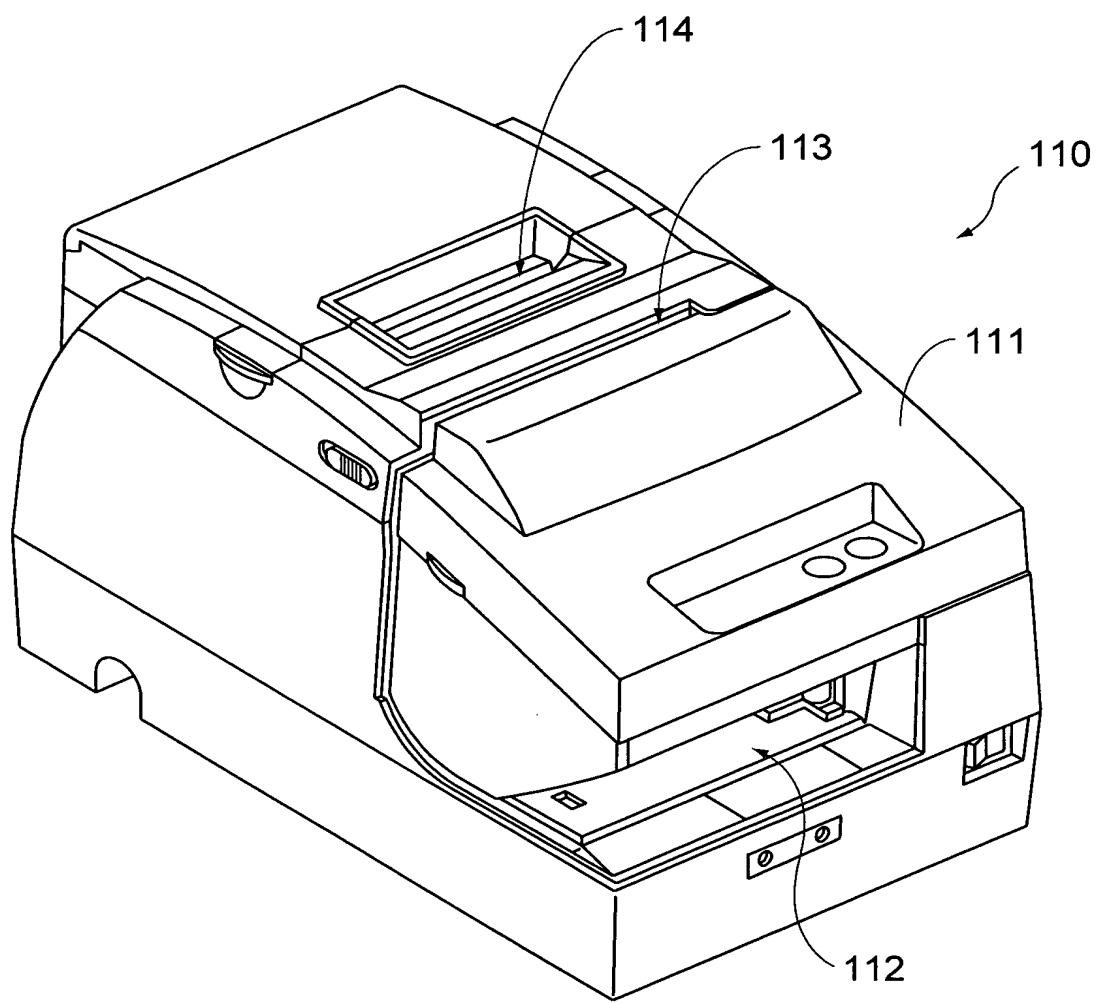


FIG. 16

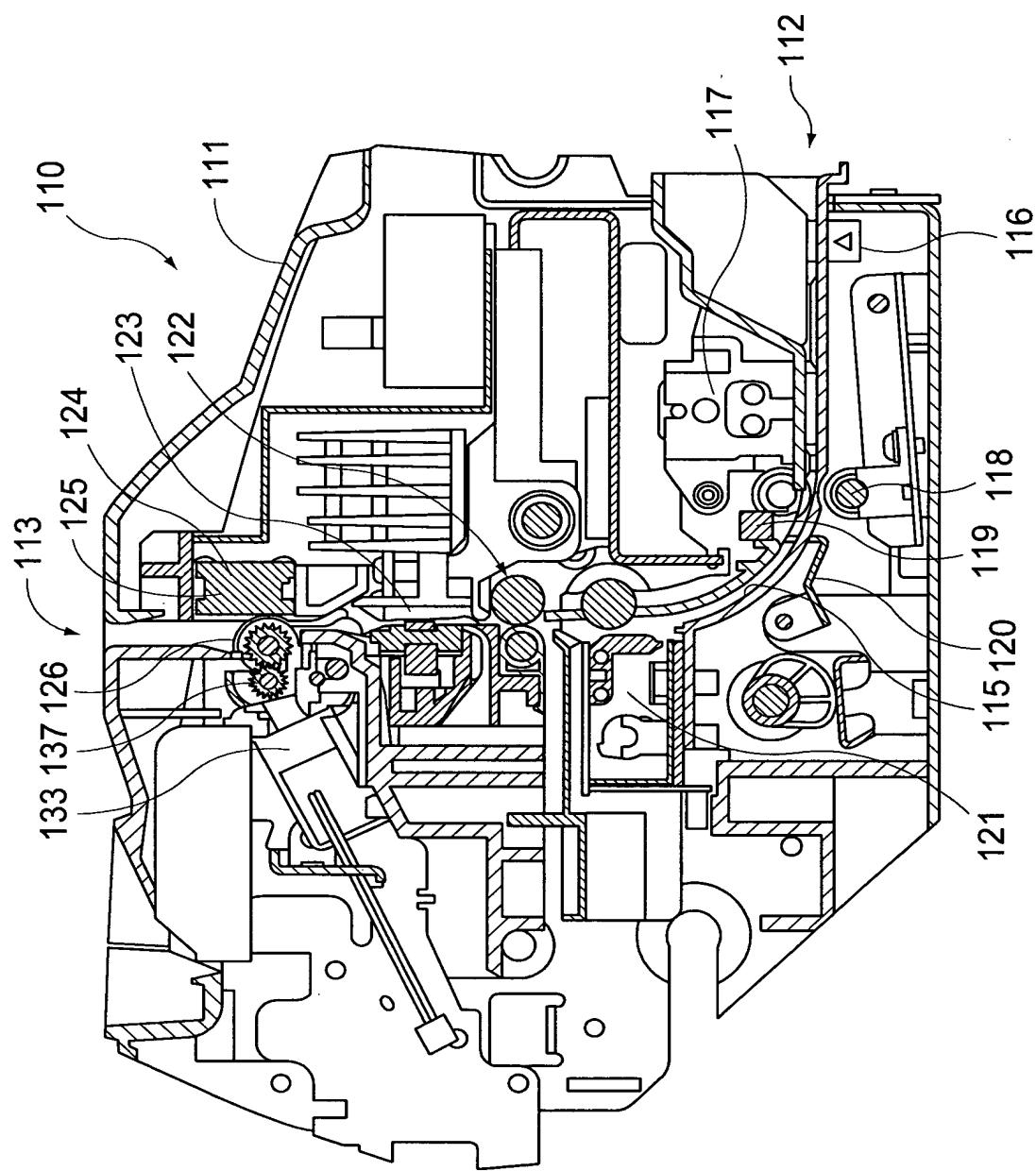


FIG. 17

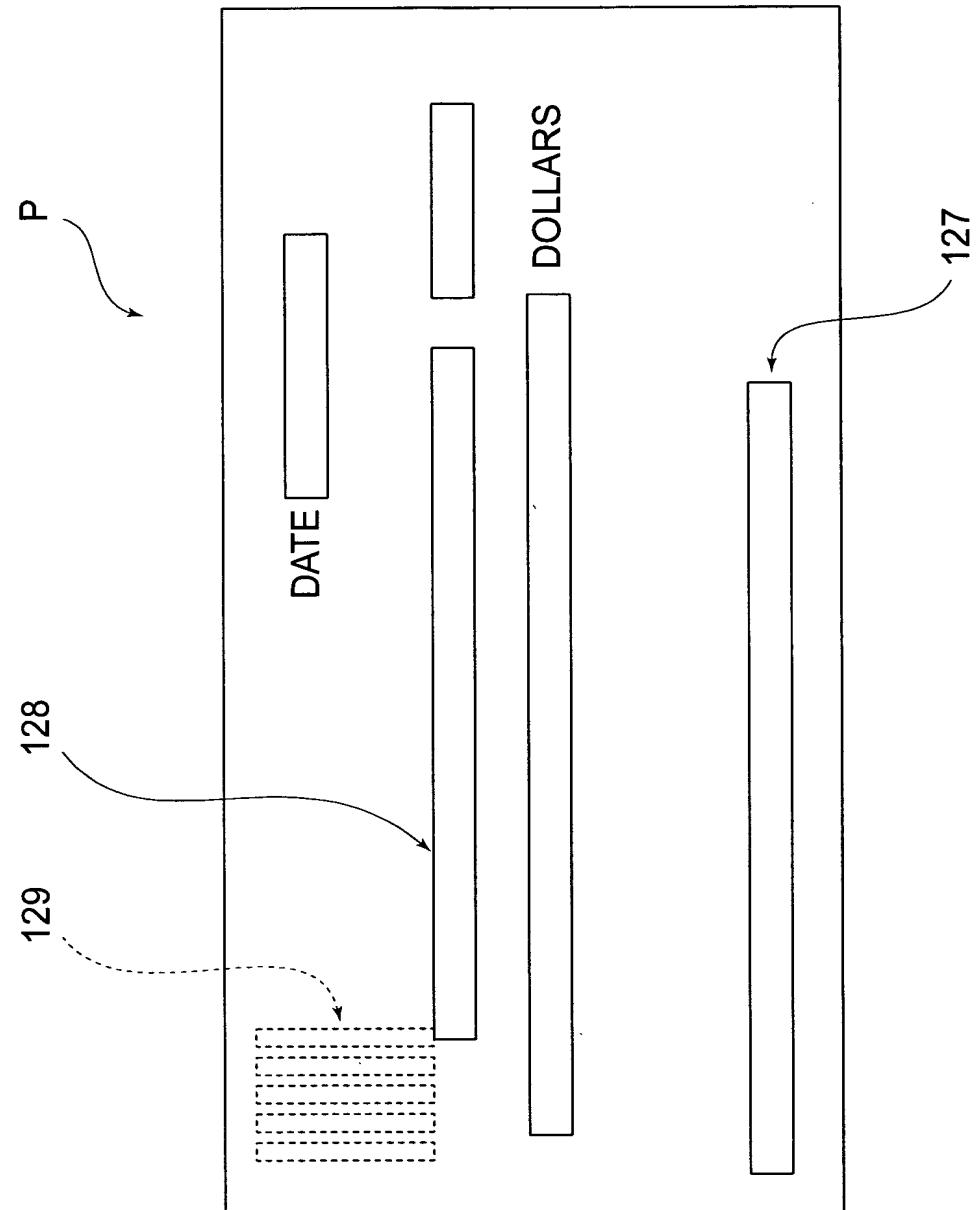


FIG. 18

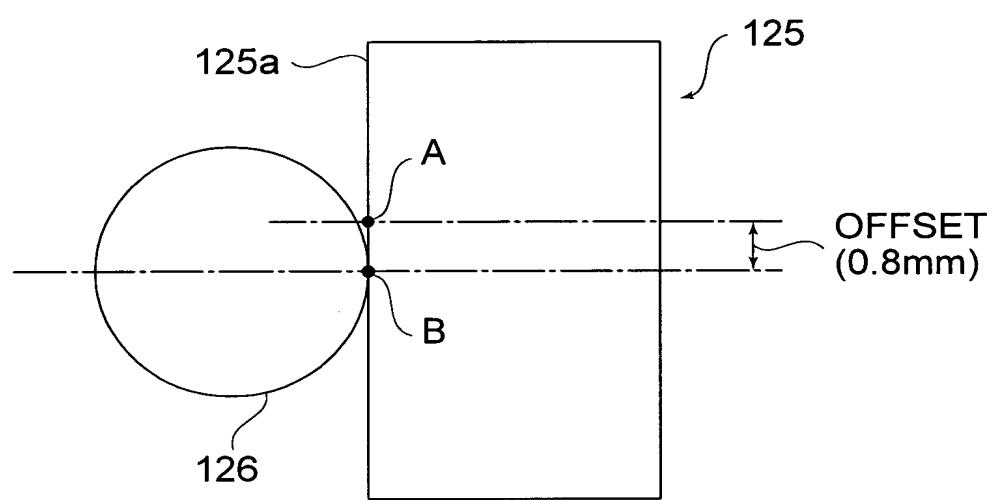


FIG. 19